IAP3 Rec'd PCT/PTO 31 JAN 2006 EV884155173US

PTO-1390 (Rev. 07-2005)
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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
SOLAICX 004	10/789,638 ID 525824

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US2005/006058	02/25/2005	27 Feb 2004

TITLE OF INVENTION
System for Continuous Growing of Monocrystalline Silicon

APPLICANT(S) FOR DO/EO/US
Solaicx, Inc.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☑ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☑ The US has been elected (Article 31).
5. ☑ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 a. ☑ is attached hereto (required only if not communicated by the International Bureau).
 b. ☐ has been communicated by the International Bureau.
 c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 a. ☐ is attached hereto.
 b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☑ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 b. ☐ have been communicated by the International Bureau.
 c. ☑ have not been made; however, the time limit for making such amendments has NOT expired.
 d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☑ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13*ter*.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/789,638	PCT/US2005/006058	SOLAICX 004

20. Other items or information:
Copy of International Application
Notice of Insufficient Basic National Fee
Power of Attorney

The following fees have been submitted	CALCULATIONS	PTO USE ONLY
21. ☑ Basic national fee (37 CFR 1.492(a)) $300	$ 300	
22. ☐ Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) $0 All other situations $200	$	
23. ☐ Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) $0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority $100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB $400 All other situations $500	$	
TOTAL OF 21, 22 and 23 =	300	
☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is $250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets: - 100 = / Extra Sheets: /50 = / Number of each additional 50 or fraction thereof (round up to a whole number): / RATE: x $250	$	
Surcharge of $130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).	$	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =		x $50	$	
Independent claims	- 3 =		x $200	$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ $360	$	
TOTAL OF ABOVE CALCULATIONS =				$	
☑ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					
SUBTOTAL =				$ 150	
Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). +				$	
TOTAL NATIONAL FEE =				$ 300	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property +				$	
TOTAL FEES ENCLOSED =				$ 300	
				Amount to be refunded:	$ 150.00
				Amount to be charged	$

a. ☑ A check in the amount of $ 300 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of $ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. ☑ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 501866. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Woodside IP Group
Michael Hetherington
P.O. Box 61047
Palo Alto, CA 94306

Michael Hetherington
SIGNATURE
Michael Hetherington
NAME
32,357
REGISTRATION NUMBER

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO
10/525,824		SOLAICX 004

INTERNATIONAL APPLICATION NO.	
PCT/US05/06058	
I.A. FILING DATE	PRIORITY DATE
02/25/2005	

Micheal Hetherington
Woodside IP Law GRP
P.O. Box 61047
Palo Alto, CA 94306

CONFIRMATION NO. 3715

371 FORMALITIES LETTER

OC0000000017778909

Date Mailed: 01/05/2006

NOTICE OF INSUFFICIENT BASIC NATIONAL FEE REQUIRED AND/OR MISSING COPY OF INTERNATIONAL APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

Indication of Small Entity Status has not been received.

The following items must be furnished:

Copy of International Application, which includes a copy of the Request Form, submitted to the International Bureau is missing. A copy of the International Application must be provided prior to 30 months from the priority date to avoid abandonment. Extensions of time under the provisions of 37 CFR 1.136 are not available for compliance with the requirements of 37 CFR 1.495(b). The international application may not be submitted via facsimile transmission.

The current record of this application indicates that the basic national fee (37 CFR 1.492(a)) required is **$300**.

The basic national fee to enter the national stage in the United States of America under 35 U.S.C. 371 must be paid by 30 months from the priority date (37 CFR 1.495(b)(2)).

If the proper basic national fee is not paid within 30 months from the priority date, the international application will become ABANDONED as to the United States of America, and will not be accepted for national examination.

The amount required shown above reflects the correct fee as of the date of this Notice. If the amount changes prior to payment, applicant must pay the revised amount.

The current basic national fees are listed at 37 CFR 1.492(a). In addition, current PCT related fees are listed in each weekly issue of the Official Gazette of the United States Patent and Trademark Office and the amount of the fees can be obtained from the USPTO 's web site www.uspto.gov or by contacting the Public Service Center at (703) 308-4357.

Extensions of time under the provisions of 37 CFR 1.136 are not available for compliance with the requirements of 37 CFR 1.495(b)(2).

For filing the basic national fee, the first class certificate of mailing procedure of 37 CFR 1.8 is NOT available to establish the date of mailing as the date of receipt in the USPTO (see 37 CFR 1.8(a)(2)(i)(F)). The Express Mail procedure of 37 CFR 1.10 may be used.

The basic national fee may not be submitted via facsimile transmission.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CATHERINE D SHORT

Telephone: (703) 308-9140 EXT 220

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/525,824	PCT/US05/06058	SOLAICX 004

FORM PCT/DO/EO/912 (371 Formalities Notice)